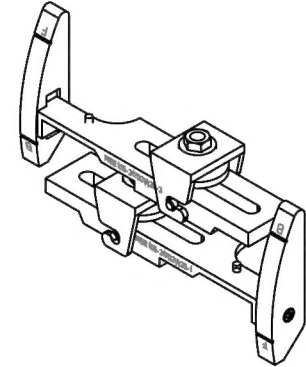
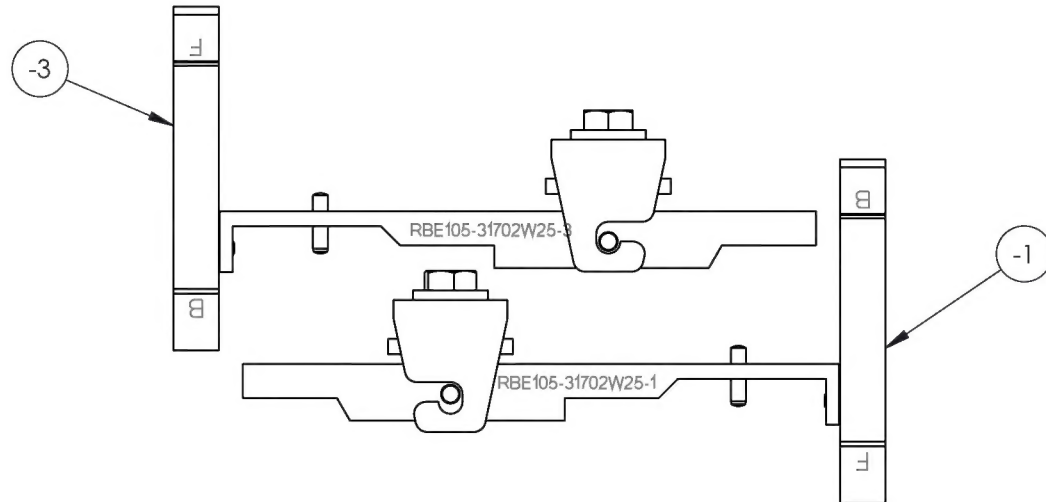



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	9/1/2016	RJC	JAG

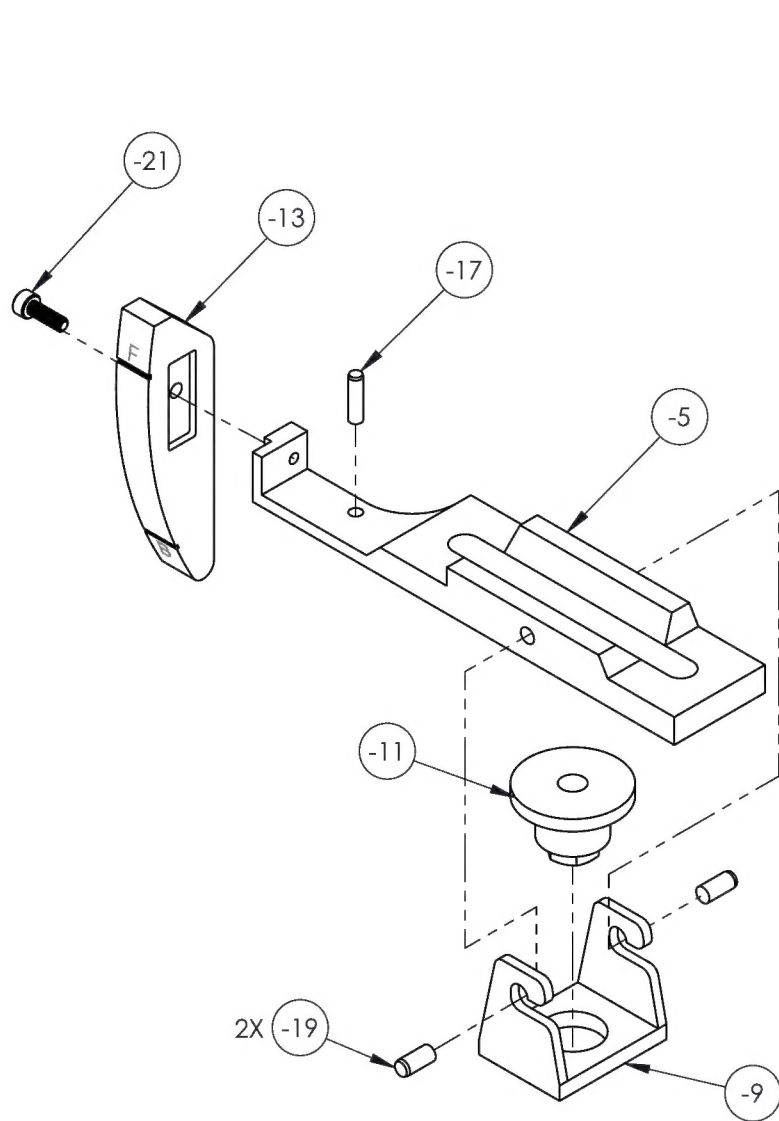


NOTE:  
REF. AIRBUS T/N 105-31702W25.

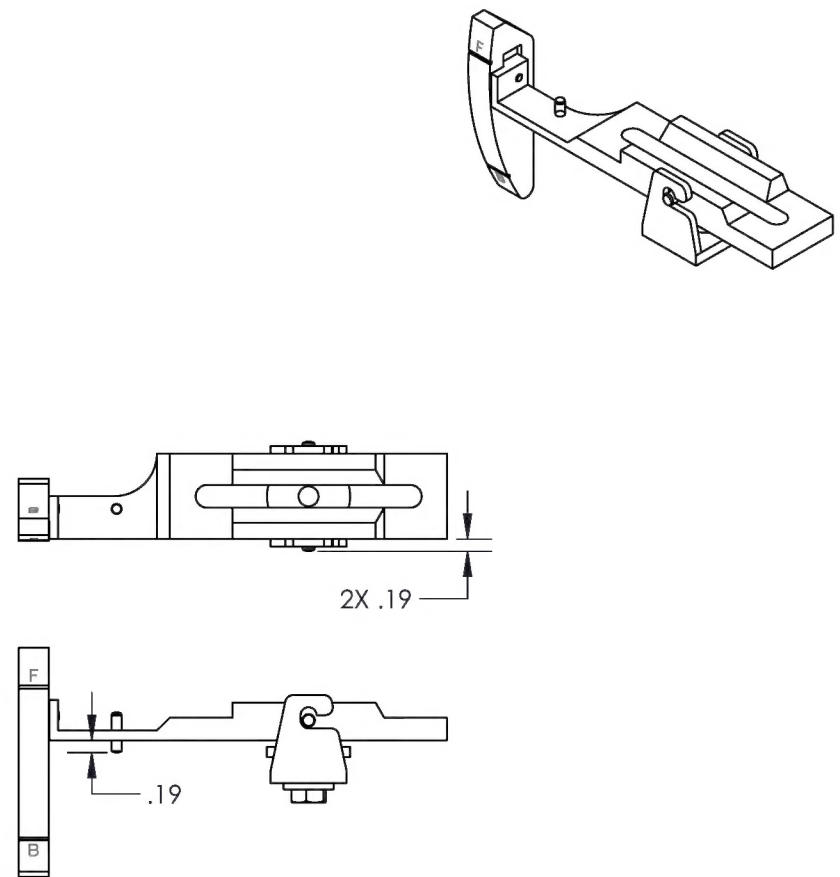
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.		
	X		-1	1	BASE ASSEMBLY #1			2	TITLE PRESSING TOOL	
X			-3	1	BASE ASSEMBLY #2			3		
	1		-5	1	BASE #1	6061		4	DWG NO. RBE105-31702W25	
1			-7		BASE #2	6061		5		
1	1		-9		BRACKET	A36/1018/1020 HR		6	REV 1	
1	1		-11		NUT	4140/4142		7		
	1		-13		GAUGE #1	6061		8	MAT'L TREAT FINISH SPEC	
1			-15		GAUGE #2	6061		9		
1	1	B/O	-17		DOWEL PIN	STEEL	ØM4 X 16mm (MCMASTER-CARR #91595A161)	2, 3	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°	
2	2	B/O	-19		DOWEL PIN	STEEL	ØM5 X 12mm (MCMASTER-CARR #91595A344)	2, 3		
1	1	B/O	-21		SOCKET HEAD CAP SCREW	STEEL	M4 X .7 X 12mm (MCMASTER-CARR #90128A214)	2, 3	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
ASSY -3	ASSY -1		-23	1	PISTOL CASE	PLASTIC	RSR GROUP #10137	N/S		
									USED ON MODEL EC145	
									SCALE	1:2
									DATE	8/22/2016
									SHEET 1 OF 9	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



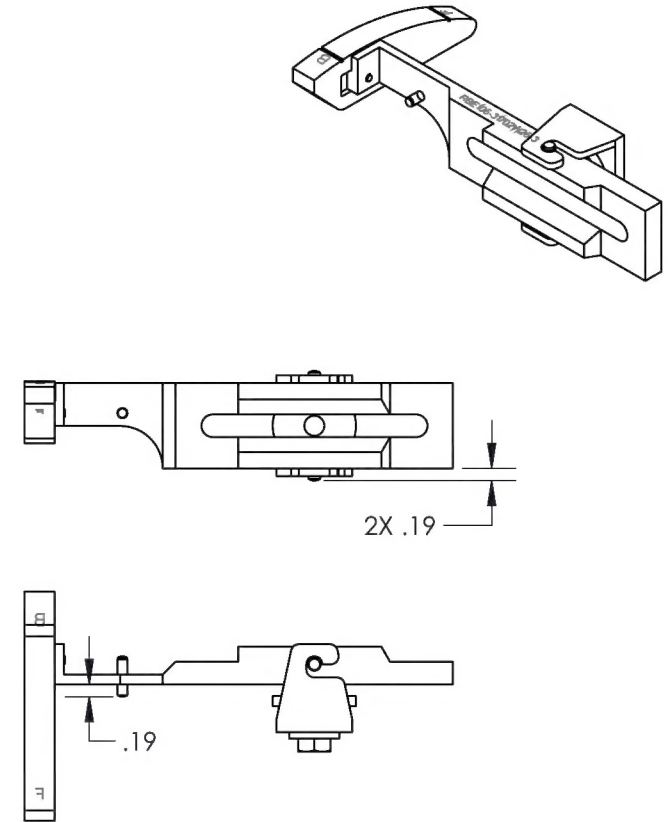
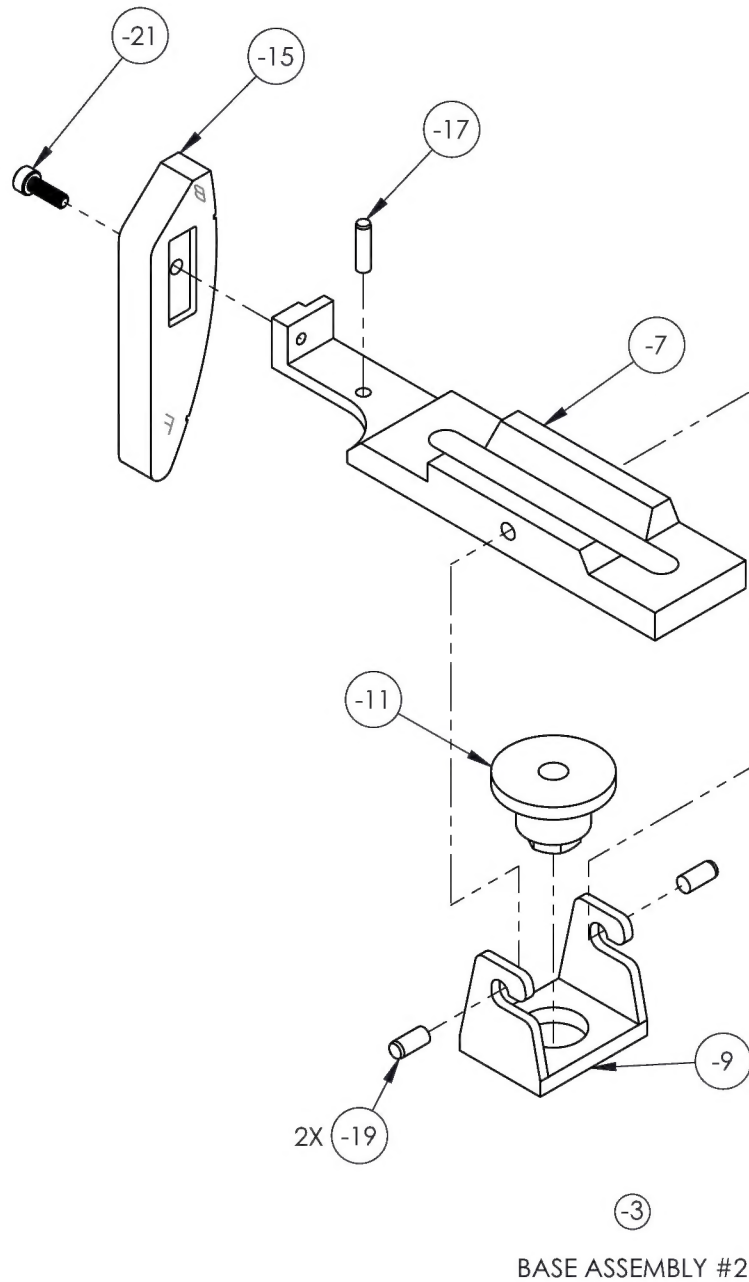
BASE ASSEMBLY #1



<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-1</b>	REV <b>1</b>
MAT'L HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL <b>EC145</b>
CHECKED: <b>DUERFELDT</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:3</b>	DATE <b>8/22/2016</b>
SHEET 2 OF 9	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

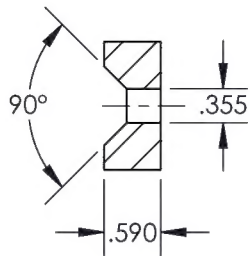
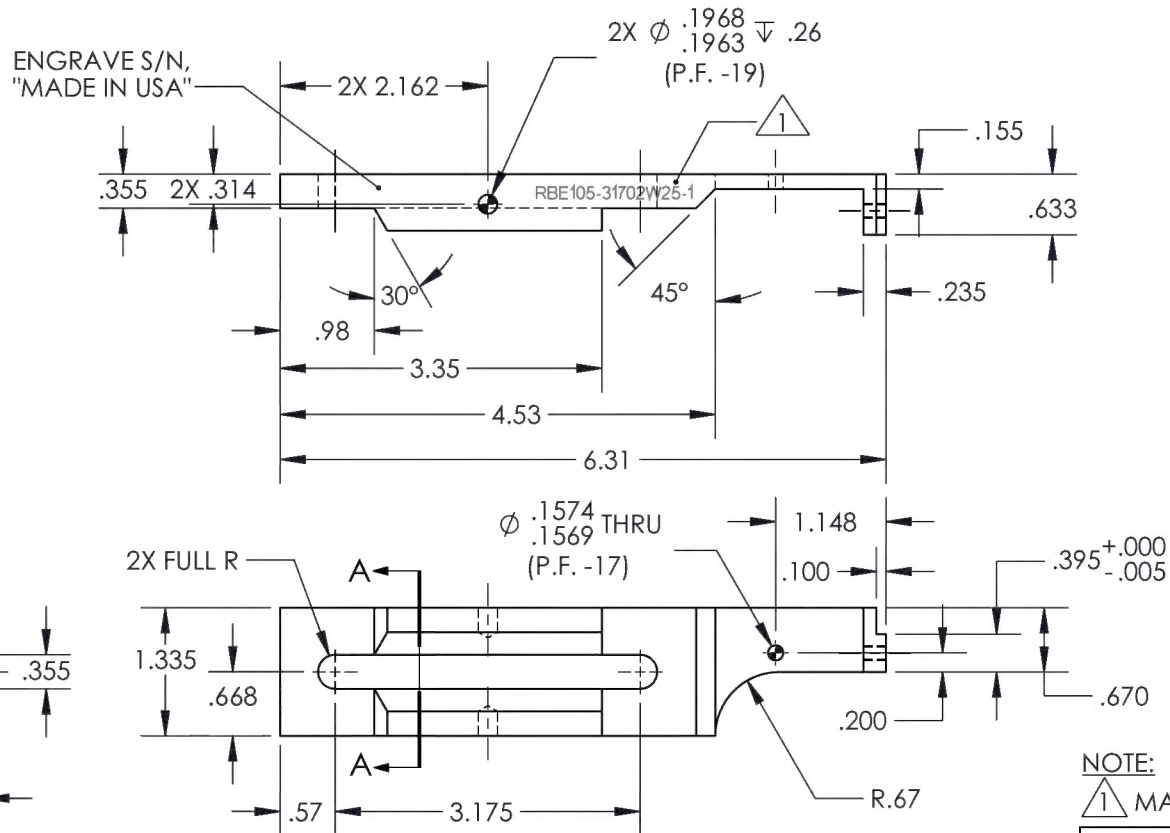
REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



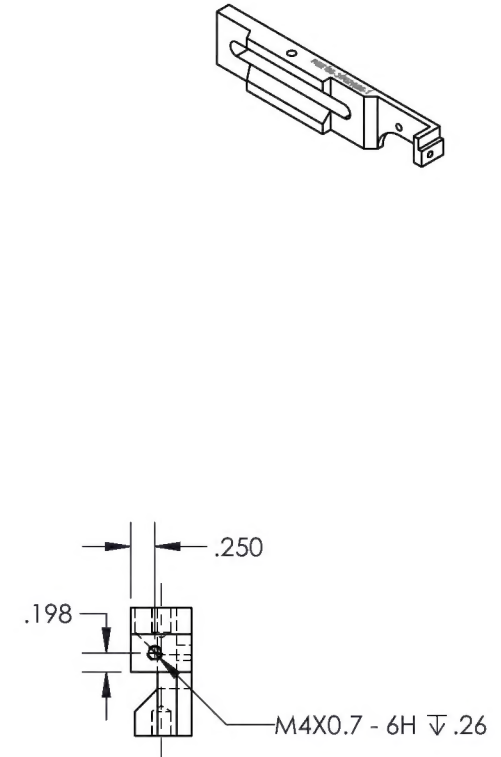
<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-3</b>	REV <b>1</b>
MAT'L <b>STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT <b>NONE</b>	.XXX ± .005 FRACTIONS ± 1/8
FINISH <b>NONE</b>	.XX ± .01 ANGLES ± 5°
SPEC <b>NONE</b>	.X ± .1 SURFACES = 125° ✓
DRAWN BY: <b>CLOUGH</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>DUERFELDT</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL <b>EC145</b>
APPROVED: <b>GILBERT</b>	
SCALE <b>1:2</b>	DATE <b>8/22/2016</b>
SHEET 3 OF 9	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



SECTION A-A



NOTE:

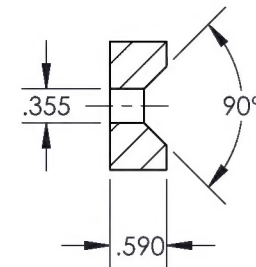
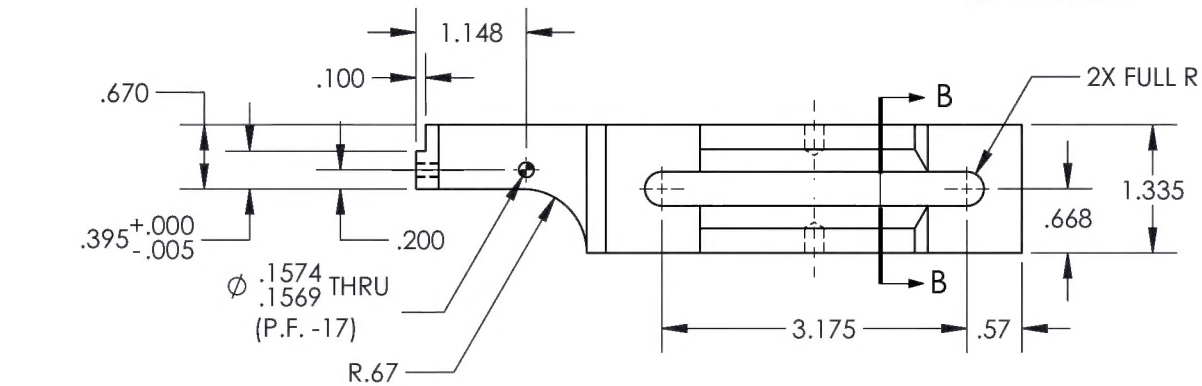
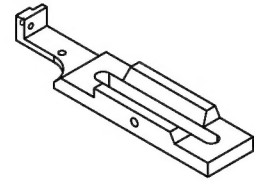
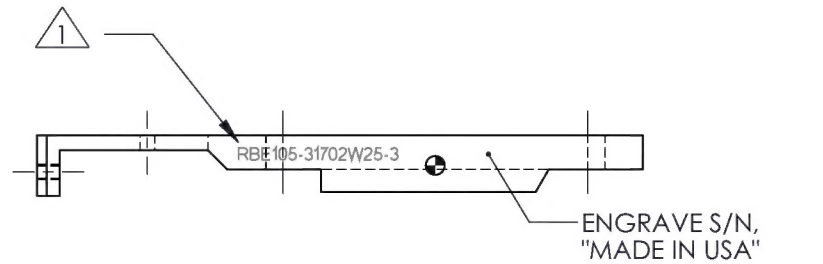
1 MACHINE ENGRAVE FILL IN WITH BLACK INK.

⑤  
BASE #1

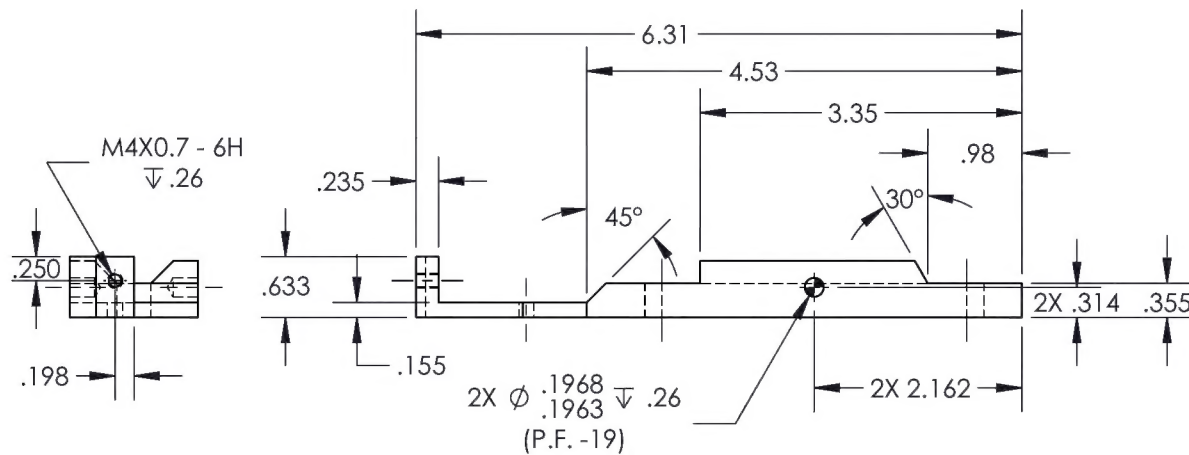
<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-5</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:2	DATE 8/17/2016
SHEET 4 OF 9	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



SECTION B-B



BASE #2

NOTE:

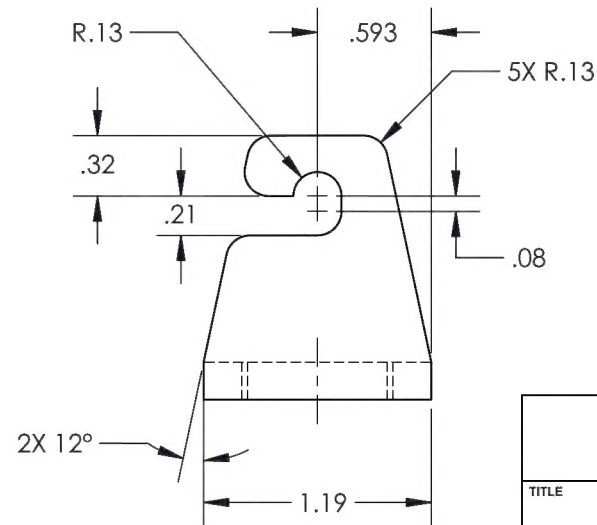
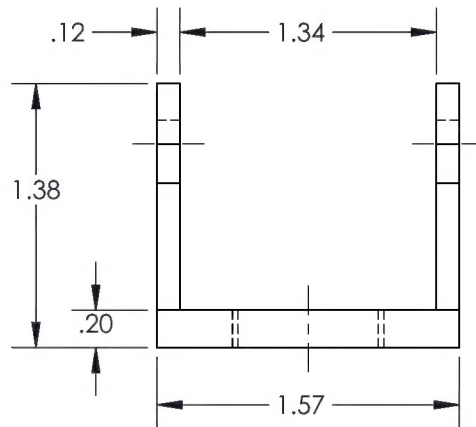
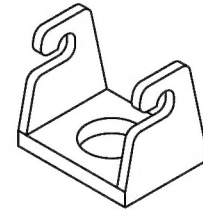
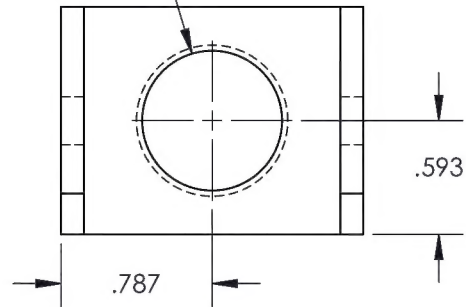
MACHINE ENGRAVE FILL IN WITH BLACK INK.

<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-7</b>	REV <b>1</b>
MAT'L 6061 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL
CHECKED: <b>DUERFELDT</b>	EC145
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:2</b>	DATE <b>8/17/2016</b>
SHEET 5 OF 9	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

M20X1.5 - 6H THRU ALL



(-9)

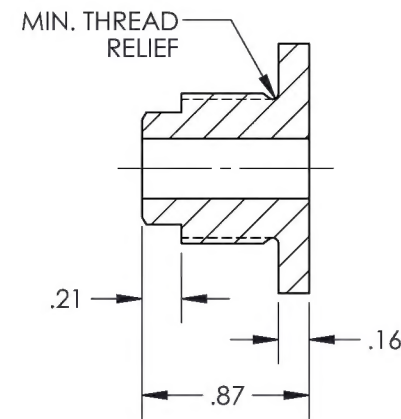
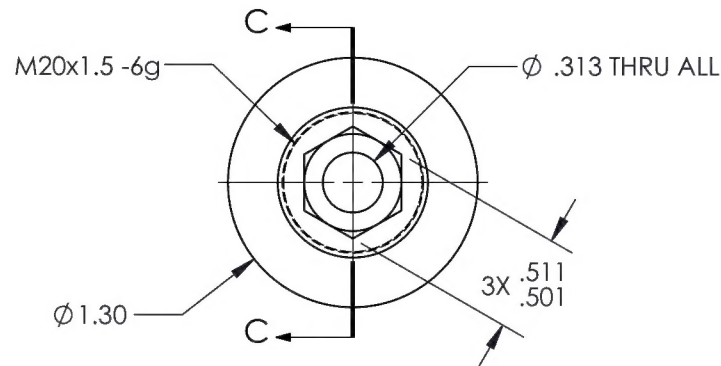
BRACKET

<b>DART</b> AEROSPACE	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-9</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 8/17/2016	USED ON MODEL
	EC145
	SHEET 6 OF 9



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



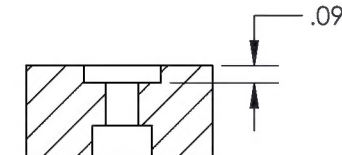
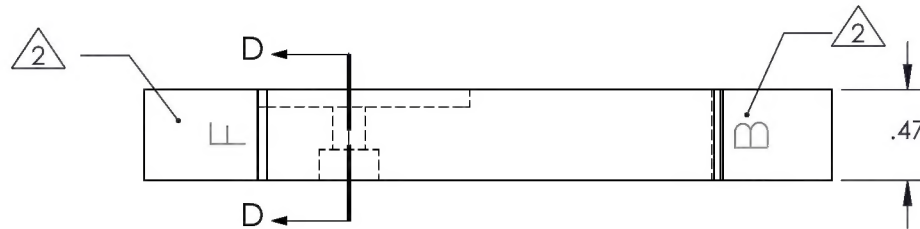
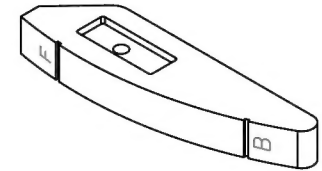
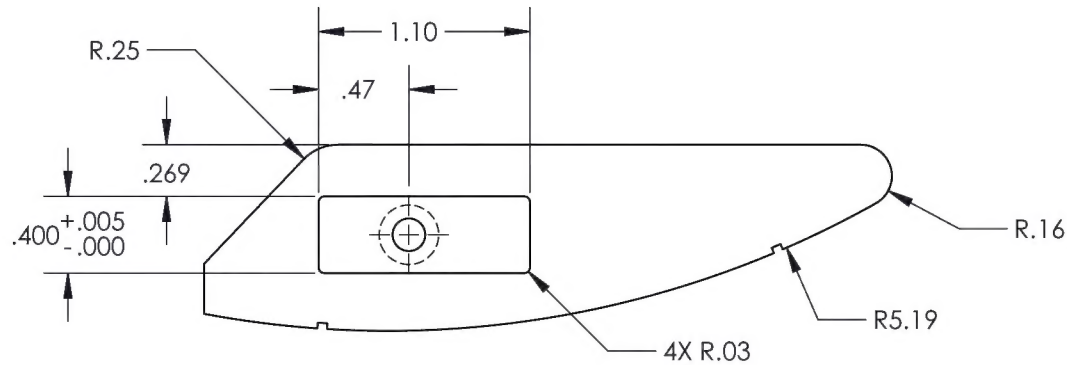
SECTION C-C

(-11)  
NUT

<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-11</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT R 28-32	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 8/17/2016	USED ON MODEL
SHEET 7 OF 9	EC145

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

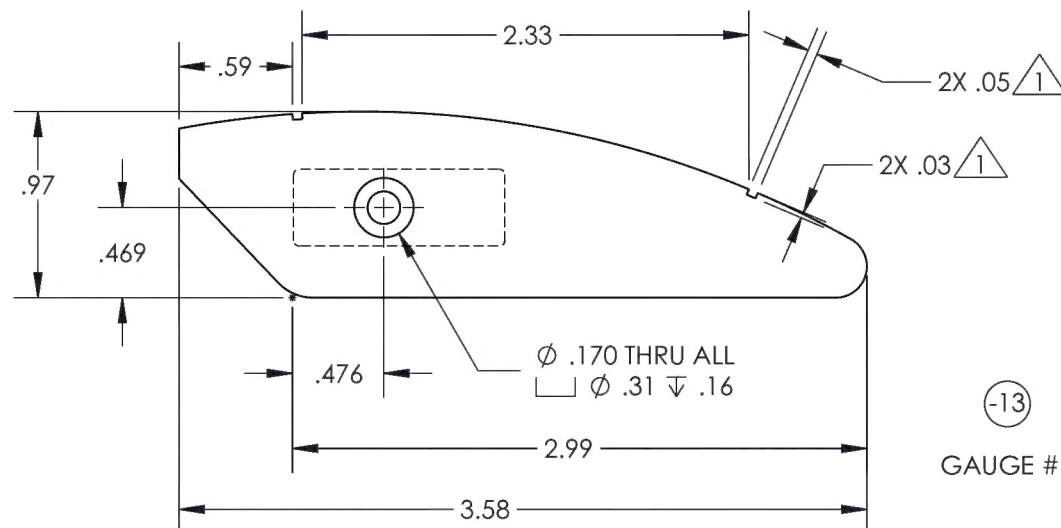


SECTION D-D

NOTES:

- 1 FILL WITH BLACK INK.
- 2 MACHINE ENGRAVE AND FILL WITH BLACK INK.

<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-13</b>	REV <b>1</b>
MAT'L 6061 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL <b>EC145</b>
CHECKED: <b>DUERFELDT</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>8/17/2016</b>
SHEET 8 OF 9	

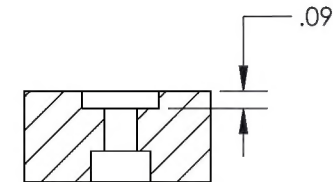
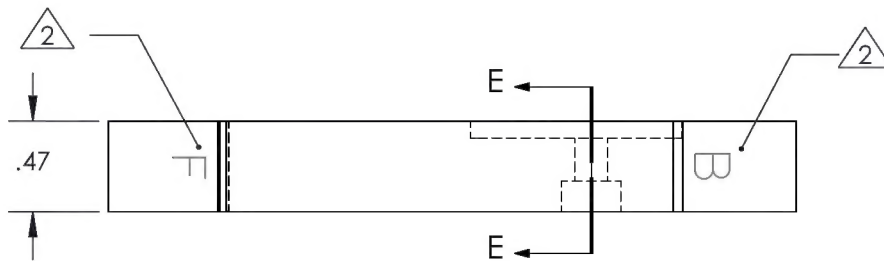
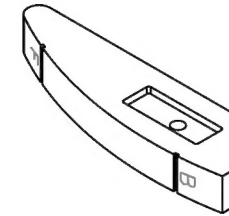
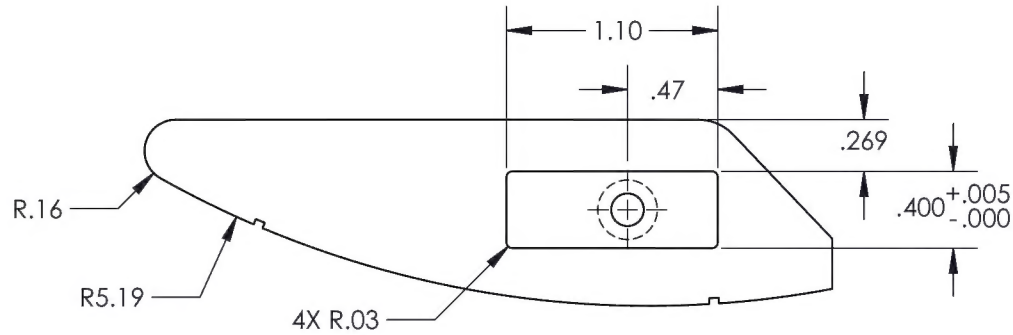


(-13)  
GAUGE #1

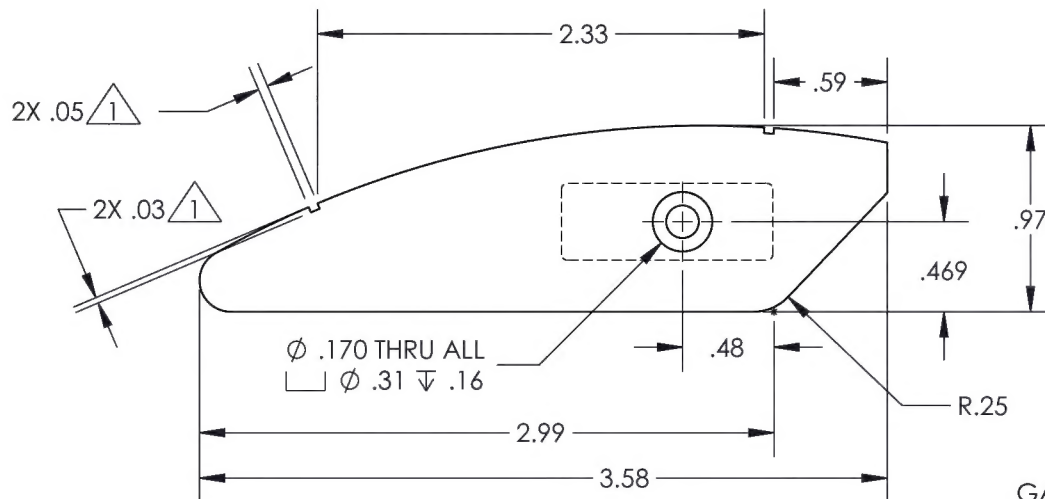


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION E-E



(15)  
GAUGE #2

NOTES:

- 1 FILL WITH BLACK INK.
- 2 MACHINE ENGRAVE AND FILL WITH BLACK INK.

<b>DART AEROSPACE</b>	
TITLE <b>PRESSING TOOL</b>	
DWG NO. <b>RBE105-31702W25-15</b>	REV <b>1</b>
MAT'L 6061 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL <b>EC145</b>
CHECKED: <b>DUERFELDT</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>8/17/2016</b>
SHEET 9 OF 9	